

Species Produced: Oysters, hard clams, trout, bait-fish, salmon, largemouth bass and other species of sportfish.

Production Methods: Bottom culture, ponds, tanks and raceways.

Responsible Agency: Connecticut Department of Environmental Protection (DEP), 79 Elm Street, Hartford, CT 06106, *Telephone: 203-566-7167, Fax: 203-566-8650.* The Water Management Bureau has responsibility for regulating discharges to tidal and non-tidal surface waters, and groundwater. The Solid Waste Bureau regulates disposal of solid wastes.

Water Classification: Surface waters are divided into inland (Classes AA, A, B, C, D), lake trophic classifications, and coastal and marine (SA, SB, SC, SD). Class AA is for existing or proposed drinking water supply, fish and wildlife habitat, recreational use, agricultural use, industrial supply; Class A is for fish and wildlife habitat, recreational use, agricultural use, industrial supply, navigation and other uses; Class B is for recreational use, fish and wildlife habitat, agricultural use, industrial supply, navigation and other uses; Class C is for certain fish and wildlife habitat, certain recreational activities, agricultural use, industrial supply, navigation and other uses; Class D is for bathing or other recreational purposes, certain fish and wildlife habitat, industrial supply, navigation and other uses. Lake trophic classifications include: Oligotrophic, Mesotrophic, Eutrophic, and Highly Eutrophic. Class SA is for marine fish, shellfish and wildlife habitat, shellfish harvesting for direct human consumption, recreation, navigation and other uses; Class SB is for marine fish, shellfish and wildlife habitat, shellfish harvesting for depuration or relay, recreation, industrial supply, navigation and other uses; Class SC waters may be suitable for fish, shellfish and wildlife habitat, certain aquaculture operations, recreation, industrial supply, navigation and other uses; Class D waters may be suitable for bathing or other recreational purposes, certain fish and wildlife habitat, industrial supply, navigation and other uses. Surface waters classified as C, D, SC and SD are managed to achieve a minimum goal of Class B or SB respectively. groundwaters are subdivided into four classes, GAA, GA, GB and GC. Solid wastes are subdivided into hazardous and non-hazardous. Categories of solid wastes include municipal, industrial, construction and demolition, and agricultural.

Copies of Current Standards: Connecticut Department of Environmental Protection (DEP), Water Management Bureau, 79 Elm Street, Hartford, CT 06106. There is no charge for copies of the standards.

Waste Classification: *Effluent* — Industrial Waste; *Settleable Solids and Mortalities* — Agricultural Waste or Solid Waste (See Land Application).

Effluent Standards: Based upon maintaining the quality of receiving waters.

NPDES Permit: *Criteria*—40 CFR Part 122.24; *Permit Fee* — See State Discharge Permit; *Individual Permit Authority* — Yes, 9/73; *General Permit Authority* — Yes, 3/92

State Discharge Permit: All discharges to waters of the state are regulated under the state NPDES program. Permit applications are reviewed on a case-by-case basis. Permit fees (which are subject to change) also are determined individually. Consultation with the DEP is necessary to determine all applicable permit requirements and fees for a specific project.

Mixing Zone: (Referred to as a zone of influence in Connecticut). Determined individually based upon characteristics of discharge and quality of receiving waters.

Land Application: Settled solids (sludge) and mortalities that do not constitute a significant disposal problem and are suitable for beneficial reuse are viewed as Agricultural Wastes, aquaculture facilities may be required to develop an agriculture waste management plan with the Soil Conservation Service. Waste management plans must be reviewed and approved by the DEP on a case-by-case basis. Sludge and mortalities intended for off-site disposal are regulated by the Solid Waste Bureau.

General Discharge Permit: Connecticut is currently evaluating if there is sufficient justification to develop a general NPDES permit for aquaculture facilities.

Other Information: Extensive bottom culture of oysters and hard clams in Long Island Sound is regulated by the Connecticut Department of Agriculture. Connecticut surface water standards allow for the designation of certain high quality waters as Outstanding National Resource Waters (ONRW). No such waters have been designated to date.